

In the Claims:

Please amend claims 4, 8, 10 and 11 as follows:

1. (Original) A tire-side-mounted electronic device comprising at least two types of power sources having different discharging characteristics from each other, and an electric load connected to the power sources.

2. (Original) A tire-side-mounted electronic device according to claim 1, comprising a switching circuit, the at least two types of power sources being connected to the electric load via the switching circuit.

3. (Original) A tire-side-mounted electronic device according to claim 2, wherein the switching circuit includes a switching element comprising a metal-oxide semiconductor field-effect transistor, and the electric load includes a temperature sensor for detecting tire temperature and a processor unit for driving the switching element according to a detected signal from the temperature sensor to switch the switching circuit.

4. (Currently Amended) A tire-side-mounted electronic device according to ~~claim 2 or 3~~claim 2, wherein the at least two types of power sources comprise batteries having different discharging characteristics.

5. (Original) A tire-side-mounted electronic device according to claim 4, wherein the batteries include batteries having different temperature-dependant discharging characteristics.

6. (Original) A tire-side-mounted electronic device according to claim 5, wherein the batteries are chemical batteries.

7. (Original) A tire-side-mounted electronic device according to claim 6, wherein the chemical batteries include a manganese dioxide cell and a graphite fluoride cell.

8. (Currently Amended) A tire-side-mounted electronic device according to ~~any one of claims 1 to 3~~claim 1, wherein the at least two types of power sources comprise a primary battery and a secondary battery connected to charging means.

9. (Original) A tire-side-mounted electronic device according to claim 8, wherein the primary battery is a chemical battery.

10. (Currently Amended) A tire-side-mounted electronic device according to ~~claims 1 to 3~~claim 1, wherein the at least two types of power sources comprise a chemical battery and an electric power generator.

11. (Currently Amended) A tire-side-mounted electronic device according to ~~any one of claims 1 to 10~~claim 1, wherein the tire-side-mounted electronic device is a tire air pressure detection device, and the electric load includes a pressure sensor for detecting tire pressure and a transmitting unit for transmitting a signal detected by the pressure sensor.